



Town of Hopedale
Board of Road Commissioners

Welcome!

Mendon Street (Route 16) at Hopedale Street
Intersection Improvements Project
MassWorks Infrastructure Program

Design Public Hearing

August 12, 2020

5:00 PM

Hopedale Town Hall



Introductions / Hearing Agenda

◆ Project Team

- Diana Schindler, Town Administrator
- Chris Nadeau, Highway Superintendent
- Eric Carlson, PE – BSC Group, Inc.

◆ Hearing Agenda

- Opening Remarks
- Design Presentation
- Q&A Session
- Closing Remarks



Presentation Outline

- ◆ Project Goals/Funding
- ◆ Scope of Work
- ◆ Project Area/Limits
- ◆ Existing Conditions & Issues
- ◆ Proposed Improvements & Solutions
- ◆ Right-of-Way Requirements
- ◆ Construction Phase Expectations
- ◆ Next Steps/Project Schedule



Project Goals / Funding

◆ Goals

- Improve Deficient Approach Roadway Safety and Infrastructure
- Improve Deficient Bicycle and Pedestrian Accommodations
- Anticipate and Plan for Future Mendon Street (Route 16) Improvements (MassDOT STIP Project)

◆ Funding

- 2019 MassWorks Infrastructure Program Grant
- \$1,000,000 for Project Engineering and Construction



Scope of Work

- ◆ Approach Roadway/Intersection Reconstruction
 - Traffic Signal System Reconstruction
 - New Exclusive Left-Turn Lanes on Mendon Street
 - Pavement Rehabilitation and Construction
 - Box Widening
 - Milling and Overlay
 - ADA-Compliant Sidewalk/Driveway Construction
 - ADA-Compliant Pedestrian Ramp Construction
 - Granite Curbing Installations
 - Pavement Marking/Signage Installations
 - Landscaping



Project Area / Limits





Existing Conditions & Key Issues



- ◆ Deteriorated Pavements
- ◆ Substandard Sidewalks

- ◆ Existing RR Crossing

Mendon Street – Eastbound Approach



Existing Conditions & Key Issues



- ◆ Deteriorated Pavements
- ◆ Substandard Sidewalks

- ◆ Design Constraints

Mendon Street – Eastbound Approach



Existing Conditions & Key Issues



- ◆ Deteriorated Pavements
- ◆ Substandard Sidewalks

- ◆ Design Constraints

Mendon Street – Westbound Approach



Existing Conditions & Key Issues



- ◆ Recent Sidewalk Improvements

Hopedale Street – Eastbound Approach



Existing Conditions & Key Issues



- ◆ Greenbelt/Trees
- ◆ Substandard Sidewalks

Hopedale Street – Westbound Approach



Existing Conditions & Key Issues



- ◆ Antiquated Traffic Signal System/Equipment



- ◆ Substandard Sidewalks and Pedestrian Ramps

Mendon Street at Hopedale Street Intersection

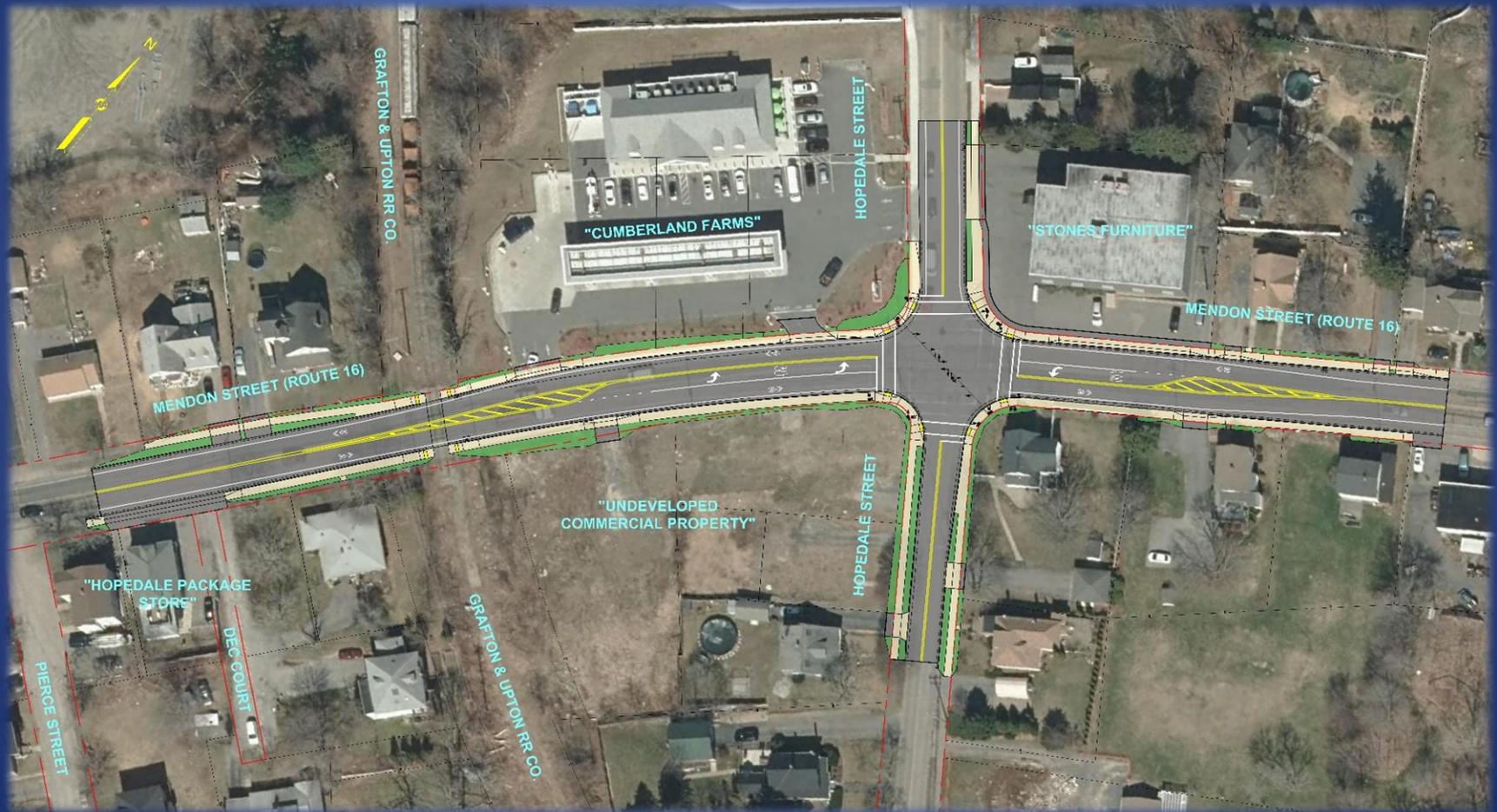


Summary - Existing Conditions & Key Issues

- ◆ Substandard Approach Roadway Conditions
- ◆ Substandard Pedestrian & Bicycle Accommodations
- ◆ Intersection Safety Concerns
- ◆ Deteriorating Roadway and Sidewalk Infrastructure
 - Roadway Pavements
 - Sidewalk Systems
 - Traffic Signal Systems
 - Pavement Markings & Signage



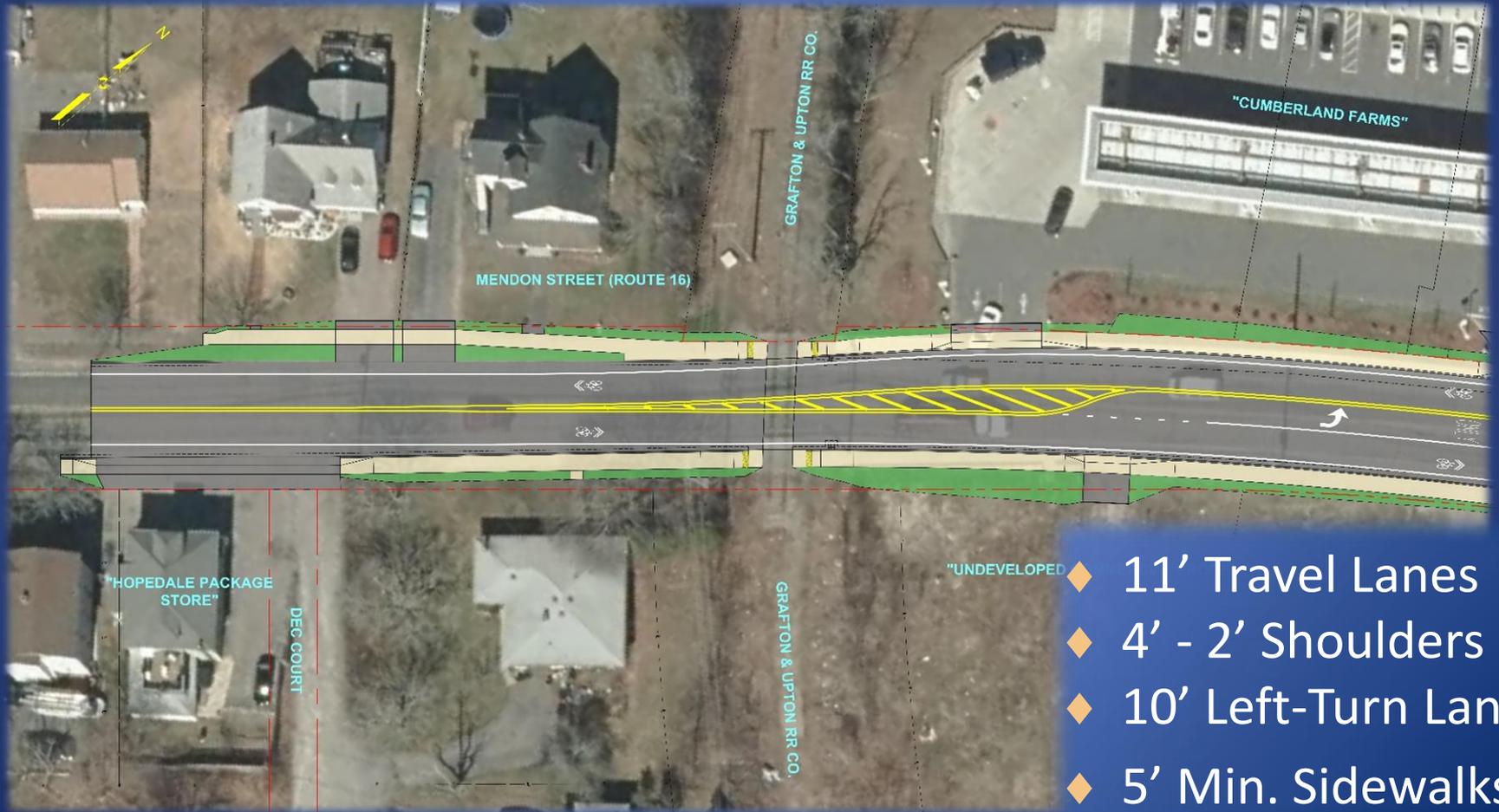
Proposed Improvements & Solutions



Proposed Improvements



Proposed Improvements & Solutions

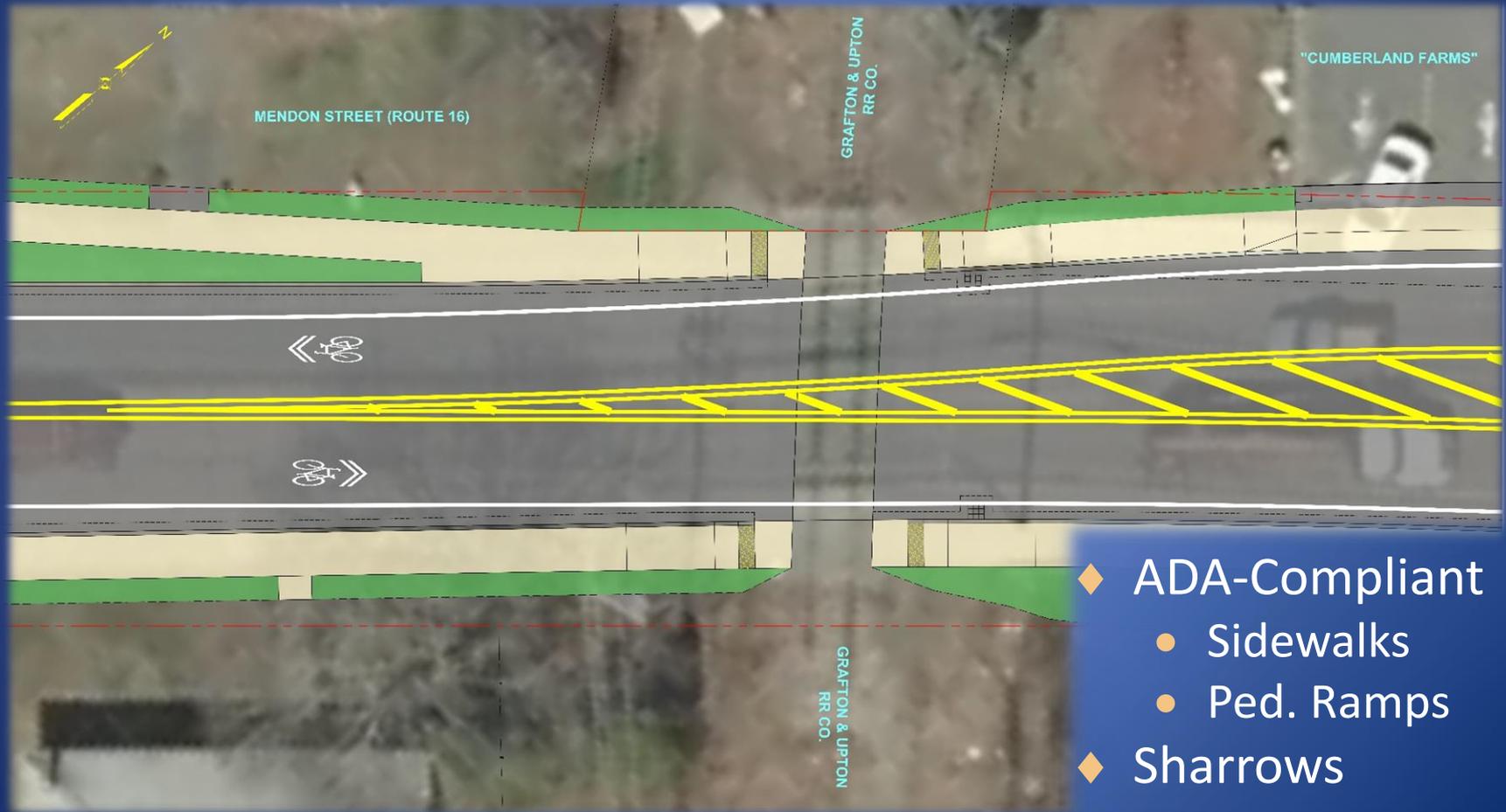


- ◆ 11' Travel Lanes
- ◆ 4' - 2' Shoulders
- ◆ 10' Left-Turn Lane
- ◆ 5' Min. Sidewalks

Proposed Improvements – Mendon Street



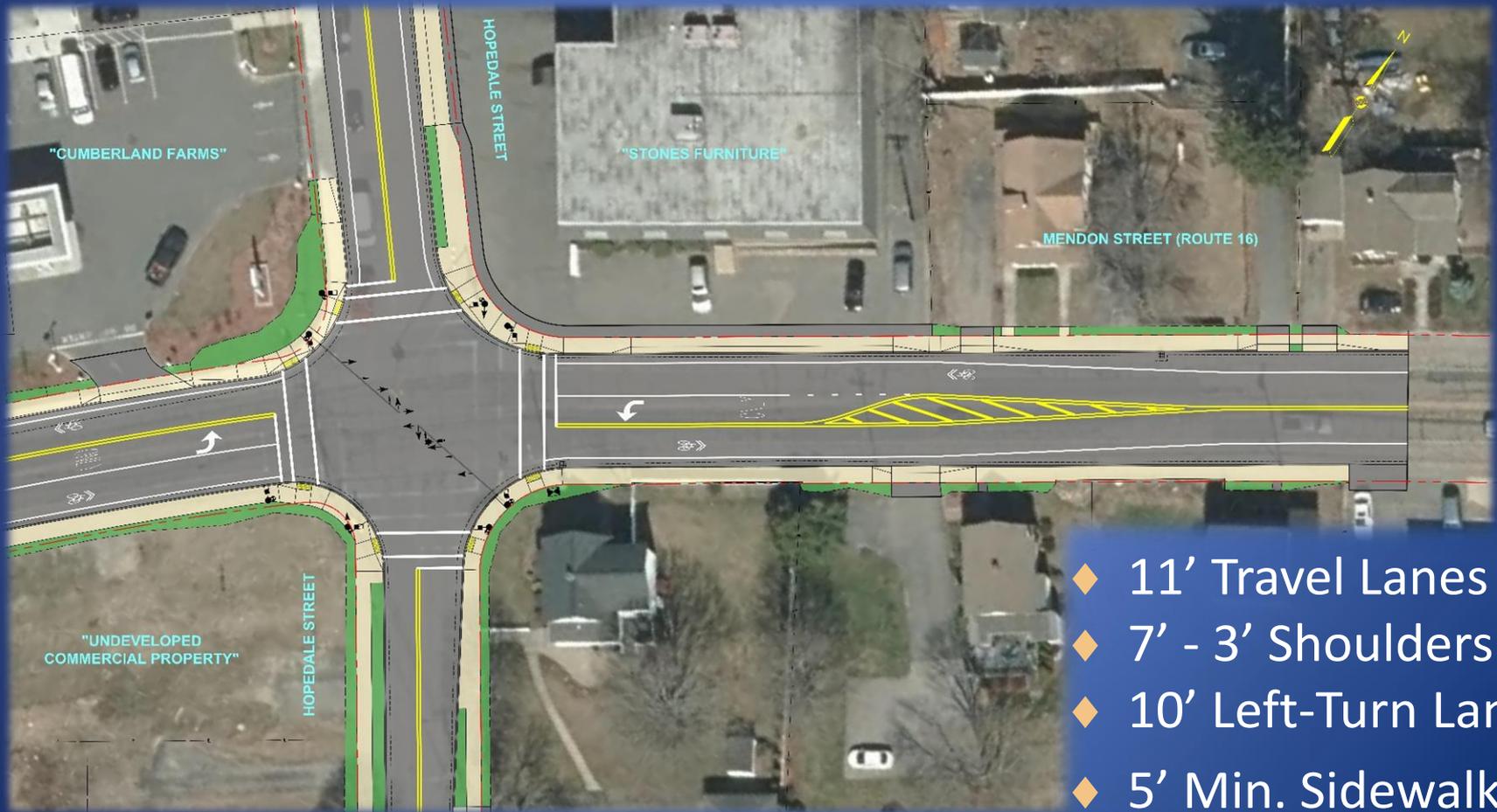
Proposed Improvements & Solutions



Proposed Improvements – Mendon Street



Proposed Improvements & Solutions

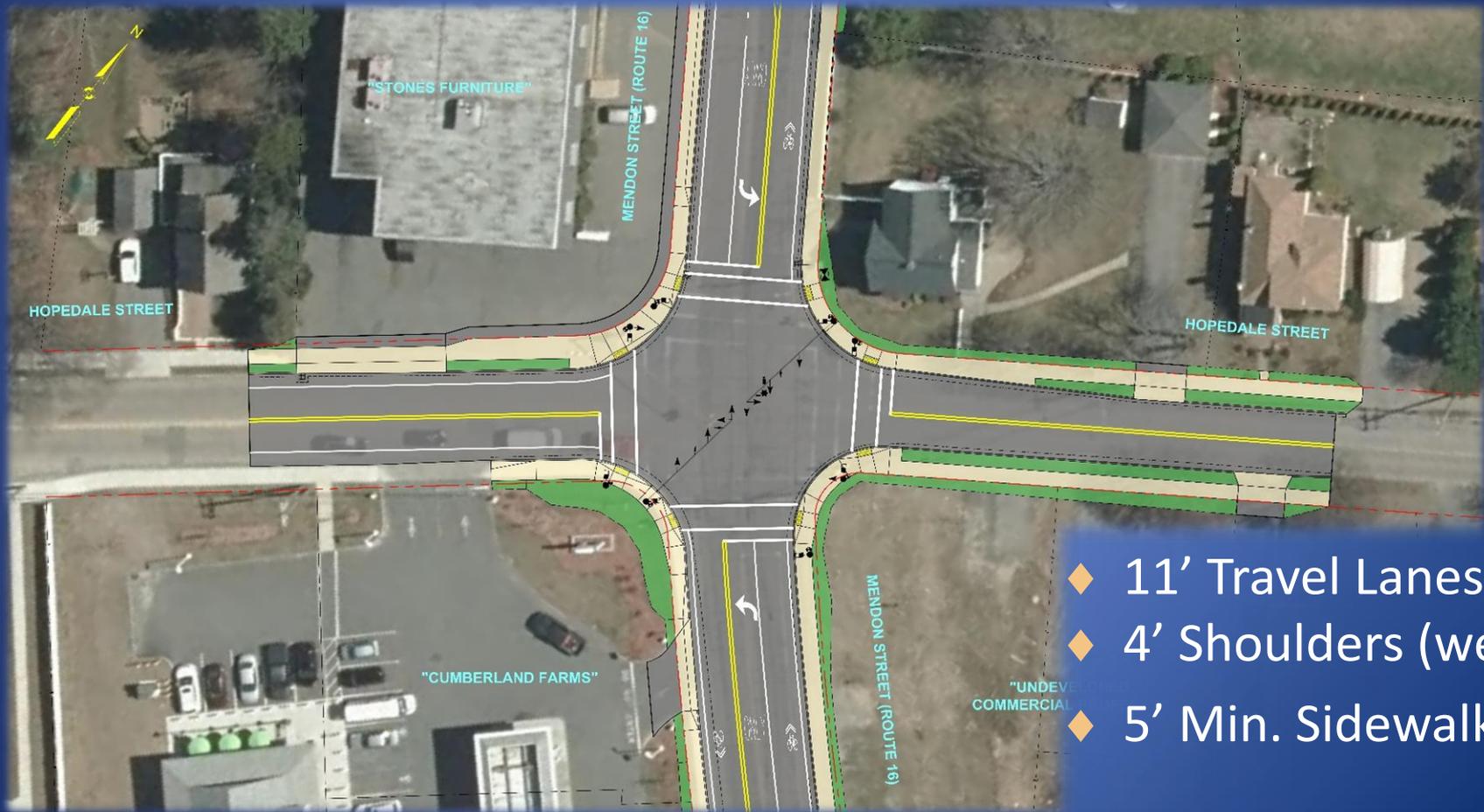


- ◆ 11' Travel Lanes
- ◆ 7' - 3' Shoulders
- ◆ 10' Left-Turn Lane
- ◆ 5' Min. Sidewalks

Proposed Improvements – Mendon Street



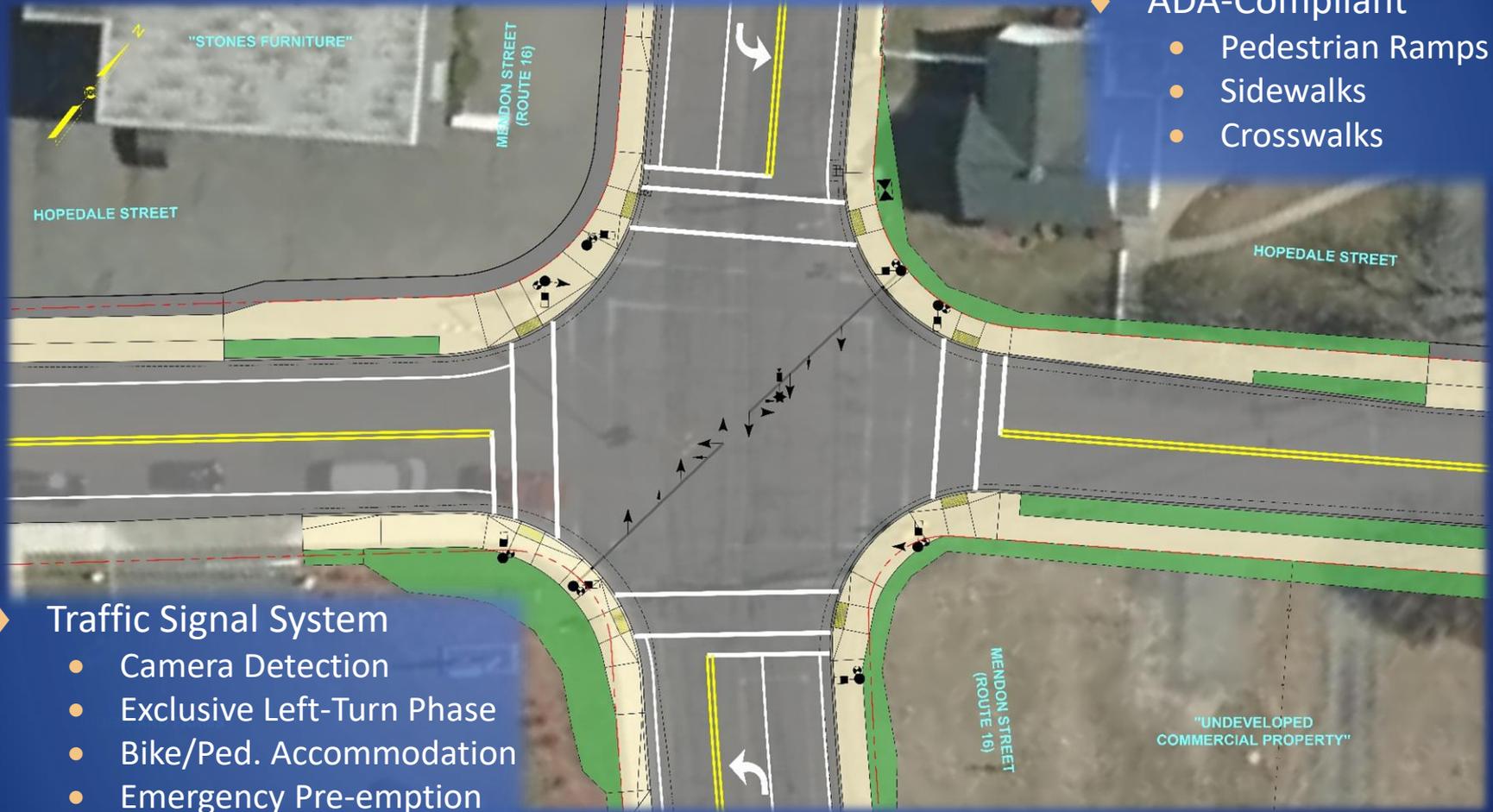
Proposed Improvements & Solutions



Proposed Improvements – Hopedale Street



Proposed Improvements & Solutions



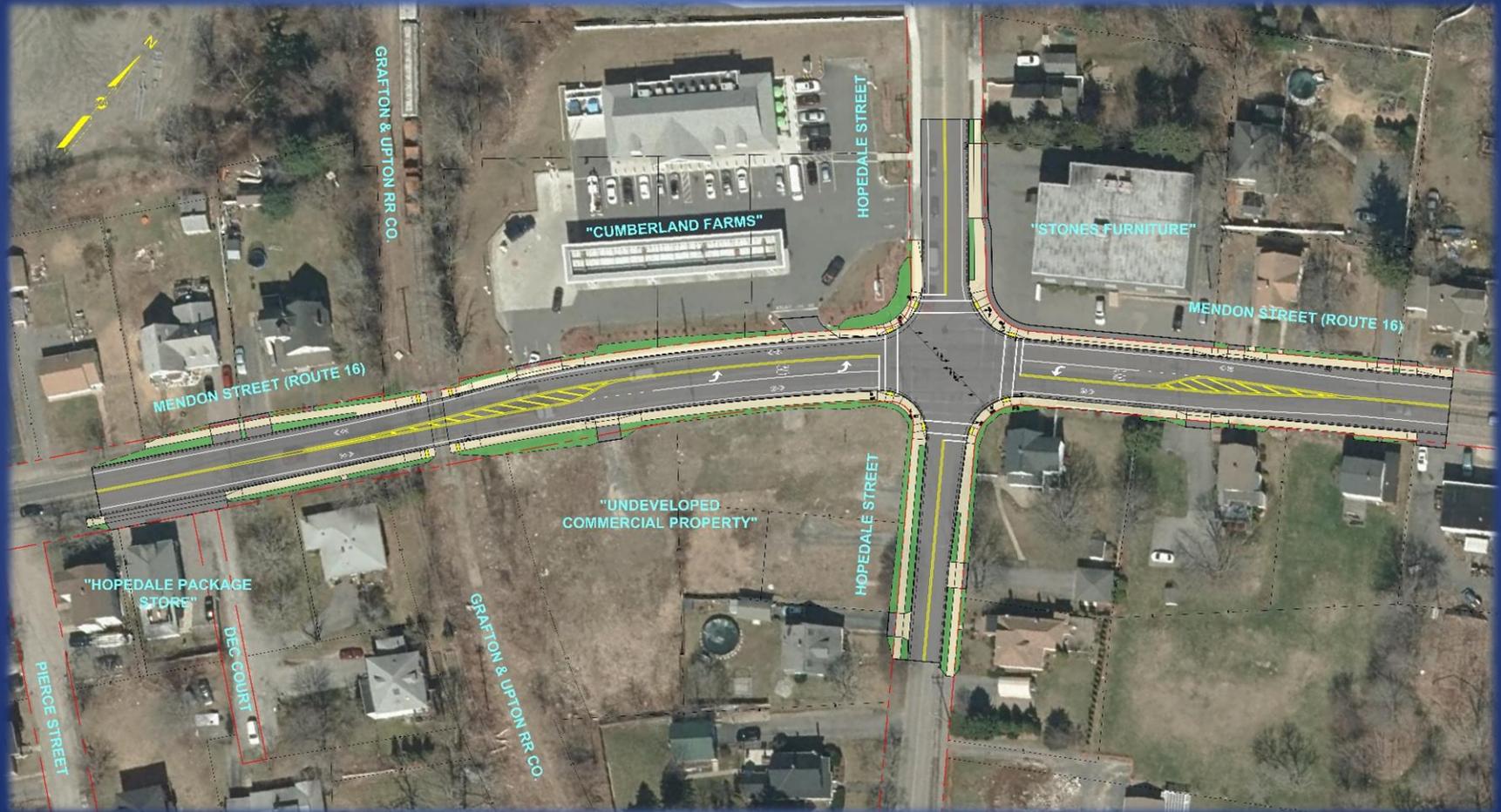
- ◆ ADA-Compliant
 - Pedestrian Ramps
 - Sidewalks
 - Crosswalks

- ◆ Traffic Signal System
 - Camera Detection
 - Exclusive Left-Turn Phase
 - Bike/Ped. Accommodation
 - Emergency Pre-emption

Proposed Intersection Improvements



Proposed Improvements & Solutions



Overall Improvements



Project Right-of-Way Requirements

- ◆ A Secure Right-of-Way
 - Temporary Construction Easements / Rights-of-Entry
 - Driveway / Walkway Reconstruction
 - Grading / Loam & Seed
 - Permanent Highway Easements
 - Intersection Sidewalk Areas
 - Traffic Signal System Equipment



Construction Phase Expectations

- ◆ Existing Roadways to Remain Open
- ◆ Intermittent Restrictions for Approach Work
- ◆ Abutter Access Maintained at All Times
- ◆ Construction Duration ~ 1 Full Construction Season



Next Steps/Project Schedule

- ◆ Address Comments from Tonight's Hearing
- ◆ Conduct Follow-on Site Walk
 - Thursday, August 19 @ 5pm (meetup in front of Town Hall)
- ◆ Prepare Final Design Documents
 - Final Design Plans/Specifications/Construction Cost Estimates
 - Final Right-of-Way Plans/Documents
- ◆ Advertise Construction Contract ~ November 2020
- ◆ Issue Contractor Notice to Proceed ~ December 2020
- ◆ Construction (Field Work) Start ~ March 2021



Town of Hopedale
Board of Road Commissioners

Thank You!

and

Q&A

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